

POL-200 Series Automatic Polarimeter



Version 2.0

Brochure

INTRODUCTION

The Laxco™ POL-200 Series is a general-purpose automatic polarimeter designed for accuracy, reliability, and ease of use. With an optical rotation accuracy of $\pm 0.02^\circ$, it is well-suited for a variety of applications including food quality testing, academic research, chemical analysis, and fragrance formulation.

The POL-200 features a photoelectric testing system combined with automatic servomechanism control for precise measurements. It offers convenient data handling with the ability to store results from three separate tests and automatically calculate average values. An RS232 port allows for seamless data transfer and integration into lab systems, making it an efficient and versatile tool for modern laboratories.

KEY FEATURES



- Photoelectric test and automatic servomechanism control
- Storage of three times results
- Calculation of average values
- RS232 port

SPECIFICATION - POL-201

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|---|--|
| MEASURING RANGE | 145°(optical rotation) |
| ACCURACY | $\pm(0.01+\text{measuring value} \times 0.05\%)^\circ$ |
| MINIMUM INDICATING VALUE | 0.002°(optical rotation) |
| REPEATABILITY | $\leq 0.01^\circ$ (optical rotation) |
| DISPLAY | LCD |
| MONOCHROMATIC LIGHT SOURCE (SODIUM LAMP) | 589.44nm |
| TEST TUBE | 0-00mm qty:1, 200mm: qty:1 |
| WEIGHT (GROSS) | 36kg |
| OVERALL DIMENSIONS | 30mm 480mm 470mm |



LAXCO, Inc.
18303 Bothell-Everett Hwy
Suite 140
Mill Creek, WA 98012
www.laxcoinc.com

Contact us:
425-686-3081
sales@laxco.com

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